



ITEM OF INTEREST

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Discrimination of Wind Noise and Sound Waves...

CRREL researcher Dr. Keith Wilson and CERL researcher Dr. Michael White authored the article "Discrimination of Wind Noise and Sound Waves by Their Contrasting Spatial and Temporal Properties" which has been published in the journal *Acta Acustica united with Acustica*.

Funded by the ERDC Environmental Quality/Installations business area, the research has applications to noise control around military installations and to battlefield acoustics. The article describes wavelet-based approaches that allow acoustic signals, such as gunfire or artillery, to be distinguished from wind gusts with better than 95% reliability. Previous, conventional processing techniques could not reliably distinguish the acoustic and wind signals.

Acta Acustica united with Acustica, is the journal of the European Acoustics Association (EAA).

Link: [Vol. 96, 2010, pp. 991-1002](#)

POC: Dr. Keith Wilson, 603-646-4764, d.keith.wilson@usace.army.mil

U.S. ARMY CORPS OF ENGINEERS – ENGINEER RESEARCH AND DEVELOPMENT
CENTER – HANOVER

72 LYME ROAD • HANOVER N.H. 03755-1290

WWW.CRREL.USACE.ARMY.MIL